

# Reducing fractions to lowest terms using GCF

$$\frac{35}{40} =$$

In order to reduce to lowest terms, you have to identify what the greatest common factor between the numerator and denominator is.

Factors of 35 - 1, 5, 7, 35

Factors of 40 - 1, 2, 4, 5, 8, 10, 20, 40

5 is the GCF so divide numerator and denominator by the GCF

$$\frac{35 \div 5}{40 \div 5} = \frac{7}{8}$$

So 35/40 reduced to lowest terms is 7/8.